REPORT

OF THE

EUROPEAN MENTAL HOSPITAL

AT

RANCHI

FOR THE PERIOD

1st April 1944 to 31st March 1945

BY

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REPORT

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RANCHI EUROPEAN MENTAL HOSPITAL

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CHAPTER I.

INTRODUCTION.

1. *Administration.*—I held charge throughout the year under review, with the exception of a period from 31st December, 1944 till 4th February, 1945, during which, with the approval of the Board of Trustees, I proceeded on a tour of inspection of Mental Hospitals in India on behalf of the Health Survey and Development Committee. My report on the Mental Hospitals was submitted direct to the Secretary, Health Survey and Development Committee, New Delhi.

2. *Provinces served.*—The list of the Provinces from which patients were admitted to the hospital is given in paragraph 11 of this report.

3. *Admission of Indian patients.*—Eight Indian patients (males 4, females 4) were admitted for treatment during the period under review. Six of these were Voluntary Boarders. Six were discharged cured.

4. *Foreigners.*—During the period under review patients of foreign nationalities were under treatment, viz, from America, Russia, France, Switzerland, Burma, Italy, Sicily and Greece.

5. *Service patients.*—The Board of Trustees entered into an agreement with the Defence Department, which was subsequently sanctioned by the Governor-General in Council, to allot 56 beds in the Male Section of the hospital for Service Patients (British and Indian Officers 6 beds, and British Other Ranks 50 beds).

The Military Wing is separate from the remainder of the hospital, and is designated the Military Psychiatric Wing, Eastern Command. The Military Wing, for administrative purposes, comes directly under the control of the Administrative Medical Officer, 101 L. of C. Area, 10 A. B. P. O.

Medical and Nursing personnel are provided from Military sources. The Wing is commanded by the Senior Medical Officer (Military), who, according to the agreement, is required to conform to the policy laid down by the Hon'ble Consultant, Psychiatrist, Eastern Command (Col. M. Taylor, O.B.E., M.D., I.M.S., Medical Superintendent of the hospital) in all matters relating to the treatment and control of patients.

The Board of Trustees have also agreed to allot four beds in the Female Section (subject to accommodation being available) for female Service patients [Nursing Services and W. A. C (I)].

During the period under review 207 Service patients (including four Female patients) have been admitted to the hospital for treatment. Statements will be found at Appendices 'A' and 'B'.

The full amenities of the hospital are made available to all Service patients. The arrangements have been found to be most satisfactory, and it has been a pleasure to be associated with both the Military personnel and Service patients.

CHAPTER II.

PATIENTS.

6. *Admissions.*—At the beginning of the year under review there were 234 patients (99 males and 135 females) under treatment, as compared with 269 (121 males and 148 females) during 1943-44. The total number admitted during the year 1944-45 was 227 (195 males and 32 females) as compared with 121 (91 males and 30 females) in the previous year.

7. *Voluntary admissions.*—The following Statement gives the number of Voluntary Boarders treated in the hospital under proviso to sub-section (1) of Section 4 of the Indian Lunacy Act, 1912, during the year 1944-45 and the previous year :—

Voluntary Boarders.	1944-45,			1943-44.		
	Male.	Female.	Total.	Male.	Female.	Total.
1	2		4	5	6	7
1. Total no. of cases treated during the year ...	42	28	70	81	32	113
2. Left hospital cured	20	7	27	57	11	68
3. Left hospital before treatment was completed ...	2	1	3	9	2	11
4. Died	3	1	4	...	2	2
Total ...	25	9	34	66	15	81
5. Resident at close of the year	17	19	36	15	17	32

8. *Criminal insanes and insane criminals.*—At the commencement of the year there were two criminal insanes resident in the hospital. There was no admission during the year under report.

9. *Total population.*—The total population of the hospital for the period under review was 461 (294 males and 167 females) as compared with 390 (212 males and 178 females) in the previous year.

10. *Daily average population.*—The daily average population of patients resident in the hospital during 1944-45 was 258.50 (118.82 males and 139·68 females) as compared with 262·24 (116·62 males and 145 62 females) in the previous year.

11. *Distribution of total population by provinces.*—The following Table shows the distribution by provinces of the total population under treatment for the year under report as compared with the previous year :—

Provinces.	Number of patients. 1944-45.	1943-44.
1. Bengal ...	167	184
2. United Provinces ...	36	37
3. Punjab ...	27	33
4. Bihar ...	35	32
5. Orissa ...	3	4
6. Central Provinces and Berar ...	7	11
7. Assam ...	3	1
8. North-West Frontier Province ...	3	3
9. Baluchistan ...	1	2
10. Kashmir ...	1	1
11. Rajputana ...	1	1
12. Netherlands Consulate ...	1	1
13 Madras ...	2	2
14. Mysore ...	1	1
15. Burma (for Burma evacuees)...	9	...
16. Governmnt of India, Defence Department (for Military patients) ...	161	76
17. Sind ...	1	...
18. Kolhapur ...	1	...
19. Holkar State ...	1	...
20. Bombay ...	...	1
Total ...	461	390

12. *Percentage of patients "cured" and "improved" to daily average strength.*—The following Table shows the ratio per cent of patients discharged "cured" and "improved" to daily average number resident in the hospital, for the year 1944-45 and the previous year :—

Patients.	1944-45.	1943-44.
1. Daily average number resident in the hospital ...	258·50	262·24
2. Ratio per cent of cases—		
(*a*) Cured ...	16·76	33·96
(*b*) Improved ...	25·19	5·34

13. *Percentage of patients discharged "cured" and "improved" to direct admissions.*—The following Table shows the ratio per cent of patients discharged "cured" and "improved" to direct admissions for the year 1943-44, as compared with the previous year :—

Patients.	1944-45.	1943-44.
Total population ...	461	390
Direct admissions ...	223	107
Ratio per cent to direct admissions of cases—		
(*a*) Cured ...	15·20	51·30
(*b*) Improved ...	29·14	9·34

14. *Health of patients.*—There was no outbreak of an epidemic nature, and the general health of patients was satisfactory throughout the year. The daily average number of sick treated in the infirmary ward during the year 1944-45 was 14·13 per cent of the population, as compared with 10·34 in the previous year.

15. *Accidents and assaults.*—There was no case of serious injury or accident during the year under report.

16. *Parole.*—The parole system has, as formerly, been extensively used, without any untoward occurrence.

17. *Patients under observation.*—One male patient was admitted for observation, and was subsequently found to be certifiable and admitted to the hospital.

18. *Dental treatment.*—The services of a Dental Surgeon were available when the need arose.

19. *Death rate.*—The percentage death rate calculated on the daily average number resident in the hospital during the year 1944-45 was 7·36 as compared with 13·36 for the previous year.

20. *Causes of deaths.*—The following Table gives the causes of deaths among the patients residen in the hospital during the year 1944-45 :—

CAUSES OF DEATHS.

	Male.	Female.	Total.
1. Cardiac Failure ...	...	2	2
2. Melancholia (Stuporose) Exhaustion ...	1	...	1
3. Malignant Malaria (Cerebral) ...	...	1	1
4. Status Epilepticus ...	1	...	1
5. Tuberculosis (Pulmonary) ...	...	1	1
6. Acute Mania (Exhaustion) ...	...	1	1
7. Senile Dementia (Premature--Exhaustion) ...	2	2	4
8. Dementia Paralytica ...	1	...	1
9. Secondary Dementia ...	2	1	3
10. Dementia Praecox—Exhaustion ...	1	...	1
11. Cerebral Haemorrhage ...	...	1	1
12. Acute Mania ...	...	1	1
13. Pernicious Anaemia ...	...	1	1
Total ...	8	11	19

21. *Types of mental disorder in patients treated.*—The following Table shows the types of mental disorder treated in the hospital during the year 1944-45 and the previous year :—

Types of mental disorder.	Period. 1944-45.	1943 44
1. Mental Deficiency ...	57	39
2. Manic Depressive Insanity ...	22	23
3. Mania ...	3	4
4. Melancholia ...	6	7
5. Schizophrenia, including D. Praecox ...	116	122
6. Secondary Dementia ...	24	24
7. Paranoid and paranoid states ...	77	78
8. Epilepsy and epileptic insanity ...	20	18
9. Toxic psychosis—		
(*a*) Acute Confusional insanity ...	3	3
(*b*) Alcoholic psychosis ...	1	3
(*c*) Morphinism ...	2	...
10. Organic psychosis—		
(*a*) Cerebral syphillis ...	4	3
(*b*) Arteriopathic and senile psychosis ...	2	12
(*c*) Encephalitis ...	1	1
(*d*) Other cerebral lesions ...	1	9
11. Neurosis and psychoneurosis ...	114	38
12. No appreciable disease...	8	6
Total ...	461	390

22. *Treatment of Mental Disorders by Electrically Induced Convulsions.*—Electric Convulsant herapy Apparatus has been installed in both male and female sections of the hospital. This method of eatment, in some forms of mental disorder, is technically effective, and induces neither fear nor hostility the patients.

In Schizophrenia the position of Convulsive treatment remains controversial. Experience in this spital has shown that if the course of treatment is given in early cases, and continued until a full mission has been achieved, the beneficial effects are likely to be permanent. In Schizophrenia the mber of shocks indicated is much greater than in the affective states and the psychoneuroses—in some ses treatment is given thrice weekly, with a total of thirty to forty sessions.

In long standing cases the benefits of electric convulsant therapy are mainly symptomatic—mainte-nce courses of weekly treatment are helpful in states of stupor and refusal of food.

In affective states, particularly in the melancholias and depressive states, the value of Convulsant rapy is not open to doubt, and complete recovery in many cases has occurred after short courses of atment. In those cases of depression which would eventually recover spontaneously, Convulsive atment cuts short the acute symptoms, and with them the dangers of self injury and exhaustion, the rsing difficulties and the period of hospitalisation.

Among the Service patients the results of Convulsive treatment in the Psychoneuroses were encourag- but in this group it is not possible to follow up the cases to ascertain if remissions are permanent.

Selected cases have been sent for treatment from the Indian Mental Hospital at Ranchi, but it is lerstood that this Institution will shortly be in a position to treat their own cases.

23. *Age groups.*—The following Table shows the age groups of patients admitted to the hospital ing 1944-45 and the previous year :—

	1944-45.	1943-44.
1. Under 20 years ...	6	1
2. Between 20 and 40 years ...	184	94
3. Between 40 and 60 years ...	33	20
4. Upward of 60 years ...	4	6
Total ...	227	121

24. *Feeding.*—The average per capita cost under head "Diet" during the year 1944-45 was Rs. 778, as compared with Rs. 632 in the previous year, an increase of Rs. 146 (23 per cent).

25. *Clothing and bedding.*—The average per capita cost under this head for the year 1944-45 was Rs. 82, against Rs. 76 in the previous year, an increase of Rs. 6.

26. *Bakery, Vegetable Garden and Mineral Water Factory.*—The Bakery, Vegetable Garden, and Mineral Water Factory continued to supply the total requirements of the hospital. A net saving of Rs. 8,951 was effected as compared with the current rates during the period under review.

27. *Public Works Department.*—Buildings, Roads and electric and water-supply installations were maintained in good order.

CHAPTER III.

FINANCE.

28. *Receipts.*—The total Receipts from all sources during the financial year 1944-45 amounted to Rs. 7,67,939, as compared with Rs. 6,91,522 in the previous year. The total amount realised from paying patients during the year was Rs. 1,37,071, as compared with Rs. 1,38.633 in the previous year, a decrease of Rs. 1,562. The receipts on account of sale-proceeds of articles manufactured in the Occupational Therapy Department and other miscellaneous receipts amounted to Rs. 13,260 against Rs. 24,967 in the previous year, a decrease of Rs. 11,707. The large increase in the previous year was due to the fact that a sum of Rs. 16,905 was realised from the employees of the hospital, on account of the price of foodgrains supplied to them from the departmental shop, financed from the Board's funds, in accordance with the scheme sanctioned by the Government of Bihar.

29. *Expenditure.*—The total expenditure during the year 1944-45 was Rs. 7,67,939 against Rs. 6,91,522 in the previous year, an increase of Rs. 76,417, mainly due to the increase in the prices of dietary articles, clothing, medicines and miscellaneous stores. The details are as follows :—

	1944-45.	1943-44.
	Rs.	Rs.
(1) Maintenance, i e., establishment and salaries, diet. bedding, clothing, medicines, and printing and stationery, etc.	5,50,900	4,81,211
(2) Public Works and Public Health Departments charges on buildings, roads, electric installation, water-supply and maintenance of, and repairs to, them.	66,708	47,311
Total ...	6,17,608	5,28,522

30. *Per capita cost.*—The following Table shows the per capita cost for the year under review and the previous two years :—

Year.	Average no. of patients resident.	Per capita cost exclusive of P. W. D. charges and loan charges.	Per capita cost inclusive of P. W. D. charges but exclusive of loan charges.	Total per capita cost inclusive of P W. D. charges and loan charges.
		Rs.	Rs.	Rs.
1944-45	258·50	2,132	2,390	2,660
1943-44	262·24	1,835	2,015	2,281
1942-43	273·90	1,296	1,439	1,694

CHAPTER IV.

LOANS.

31. *Loans to the Board of Trustees.*—The following Table shows the details of the loans granted by the Government of India to the Board of Trustees of this hospital under section 6 of the Ranchi Mental Hospital Act, 1922 :—

Date on which the loan was granted.	Details of loans. Amount.	Rate of interest per cent.	Period of repayment in equated annual instalment of principala and interest.	Balance of the principal outstanding on 31st March 1945.	Date on which the loan will be completely liquidated.
1	2	3	4	5	6
	Rs.	Per cent.	Years.	Rs.	
1st August 1924...	3,35,000	6	30	1,39,891	1st August 1954.
15th March 1926	90,600	5½	30	50,447	15th March 1956.
Total ...	4,25,600	...	...	1,90,338	

The Provinces liable to pay loan charges in proportion to the accommodation enjoyed by their patients over a period of ten years ending 31st March 1933, are (1) Bengal, (2) United Provinces, (3) the Punjab, (4) Bihar, (5) Orissa, (6) Central Provinces and Berar, (7) Assam, (8) North-West Frontier Province and (9) British Baluchistan.

CHAPTER V.

STAFF.

32. *Medical Staff.*—During the period under report there was no change in the Medical Staff.

33. *Nursing Staff.*—During the year 1944-45, five Nursing Sisters left the service for various reasons. Mrs. Fox, the Matron, having reached the age of superannuation proceeded on leave pending retirement on 13th April, 1945. Mrs. Fox entered the service of the Hospital on 31st May 1924, and for eight years she held the post of Matron. She carried out her difficult and arduous duties with great distinction, and her work was recognised in the 1945 New Year's Honours, by the grant of a well-merited Kaiser-i-Hind Medal Class II.

34. *Health of staff.*—Apart from a higher incidence of malarial fever, the health of the staff was satisfactory during the year under review.

CHAPTER VI.

GENERAL.

35. *Inspection.*—During the year under report the hospital was visited by the Commissioner of Chota Nagpur, and members of the Board of Trustees, Major-General N. Cantlie, M.C., K.H.P., D.D.M.S., Eastern Command, Brigadier J. R. Rees, Consultant Psychiatrist, British Army, the War Office, Brigadier E. A. Bennet, Consultant Psychiatrist to the Army in India, and others.

36. *Visitors.*—The usual monthly meetings of the Board of Visitors took place, and on every occasion a quorum attended. The kindly interest displayed in the patients by these voluntary workers, and the time they have ungrudgingly given to their duties are highly appreciated.

37. *Instruction.*—Instructions and Demonstrations in Electrical Convulsant Therapy were given to a number of medical officers from other Mental Hospitals in India.

The House Physicians carried out the usual courses of instruction in First-Aid to Wardboys and Ayahs, and 40 members of the staff obtained the St. John's Certificate in First-Aid.

38. *General.*—The maintenance cost per capita (exclusive of loan charges) has increased by Rs. 375 per annum, as compared with the previous year. The increase is due mainly to—

(1) the increased cost of commodities, and the need for increased purchases ;

(2) the increase in dearness allowance to the staff, and in some instances, to increase in pay and allowances.

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APPENDIX A.

MILITARY WING, EUROPEAN MENTAL HOSPITAL, KANKE, RANCHI.

Monthly Return of Admissions from May 1944 to 31st March 1945.

—	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Totals.
1	2	3	4	5	6	7	8	9	10	11	12	13
Schizophrenias	5	3	...	1	2	2	2	1	1	...	1	18
Anxiety States	10	8	6	12	3	4	8	15	2	13	13	94
Hysterias	5	6	5	6	1	...	...	1	...	2	1	27
Dull and Backwards	2	2	2	3	10	1	...	1	7	...	1	29
Obsessionals	1	1	...	...	...	1	...	...	...	...	...	3
Manic Depressives	1	...	...	...	...	...	...	...	...	...	2	3
Psychopathics	...	...	...	2	...	1	2	...	...	...	...	5
Epiletics	1	...	...	...	...	...	...	...	...	...	...	1
Infective Psychosis	...	...	...	...	...	1	1	...	...	...	1	3
N. A. D.	...	2	...	2	...	...	1	...	...	1	1	7
Totals ...	25	22	13	26	16	10	14	18	10	16	20	190

OFFICERS.

	September.	October.	November.	December.	January.	February.	March.	Totals.
Schizophrenias ...	1	...	...	...	...	...	...	1
Anxiety States ...	...	2	2	...	1	2	1	8
Manic Depressives ...	1	...	1	...	...	...	...	2
N. A. D.	...	..	2	...	...	...	...	2
Totals ...	2	2	5	...	1	2	1	13
Grand Total ...	18	12	19	18	11	18	21	203

APPENDIX B.

MILITARY WING, EUROPEAN MENTAL HOSPITAL, KANKE, RANCHI.

Monthly Return of Discharges and Disposal between May 11th 1944 and 31st March, 1945.

—	May.	June.	July.	August.	September.	October.	November.	December.	January	February.	March.	Totals.
1	2	3	4	5	6	7	8	9	10	11	12	13
izophrenias	...	...	...	3	...	...	9	1	1	...	3	17
xiety States	...	3	7	11	3	5	19	3	15	...	16	82
sterias	...	5	5	6	1	...	6	...	...	...	2	25
l and Backwards	...	...	...	3	3	1	12	...	1	...	3	23
essionals	...	...	1	...	...	...	1	...	1	...	...	3
ic Depressives	...	...	...	...	...	...	1	...	...	...	...	1
chopathics	...	...	...	...	...	...	2	1	1	...	...	4
leptics	...	...	1	...	...	...	...	...	...	...	...	1
ctive Psychosis	...	...	...	...	...	...	1	...	1	...	1	3
. D.	...	1	1	1	1	...	1	1	...	...	1	7
Totals ...	...	9	15	21	8	6	52	6	20	...	26	166
osal in Category "E"	...	...	...	5	...	...	38	2	3	...	4	47
C. ii	...	...	..	2	...	1	12	1	1	...	3	20
C. i	...	5	11	14	7	5	5	2	14	...	8	71
"Evac"...	...	...	...	...	...	...	...	...	2	...	7	9
A. i.	...	4	4	3	1	...	2	1	...	..	4	19
Totals ...	...	9	15	24	8	6	52	6	20	...	26	166

OFFICERS.

	September.	October.	November.	December.	January	February.	March.	Totals.
Schizophrenias ...	...	...	...	1	...	...	...	1
Anxiety States ...	...	1	3	...	...	1	1	6
Manic Depressives ...	...	...	2	...	...	...	...	2
N. A. D.	...	...	2	...	...	...	...	2
Totals ...	...	1	7	1	...	1	1	11
Disposal in CATEGORY: – E ...	...	...	1	1	...	...	1	3
C. i. ...	...	1	3	...	...	1	...	5
A. i. ...	...	...	3	..	...	...	...	3
Totals ...	...	1	7	1	...	1	1	11

Complete Total of Discharges	... ...	177 (Officers 11).
" " ,, Admissions	... ...	203 (,, 13).
os. in Hospital on 1st April 1945	... ...	26 (,, 2).

Table showing Ranchi European Mental Hospital Statistics, 1928—1944-45.

Year	Daily average number of patients.	Number discharged recovered.	Number discharged improved.	Ratio per cent discharged recovered to daily average strength.	Ratio per cent improved.	Number of re-admissions.	Ratio per cent of cases recovered to direct admission.	Number of voluntary patients.	Amount realized from paying patients.	Total expenditure including Public Works Department charges and excluding loan charges.	Public Works and Public Health Department charges.	Expenditure excluding Public Works Department charges and loan charges.	Total expenditure including Public Works Department charges and loan charges.	Annual cost *per capita* excluding Public Works Department and loan charges.	Annual cost *per capita* including Public Works Department charges only.	Annual cost *per capita* including Public Works Departmnet charges.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
									Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1928 ..	195·51	29	38	14·83	19·42	19	22·73	31	57,637	4,28,711	54,259	3,74,452	4,98,516	1,915	2,193	2,550
1929 ..	199·51	12	17	5 95	8·53	17	12·90	34	60,358	3,39,313	30,513	3,08,800	4,66,033	1,547	1,700	2,321
1930 ..	200·61	20	45	9·91	22·43	19	20·51	50	62,593	4,32,654	55,166	3,77,488	5,02,459	1,882	2,157	2,505
1931 .	196 41	7	29	3 56	14·76	22	7·98	57	56,286	3,88,831	51,261	3,37,570	4,58,636	1,718	1,979	2,335
1932 ..	199·44	13	38	6·51	27 63	27	12·25	50	47,830	3,44,145	32,005	3,12,140	4,13,950	1,564	1,725	2,076
1933 ..	201·56	17	26	8 42	12·89	26	19·71	47	53,058	3,34,280	34,587	2,99,693	4,04,085	1,487	1,658	2,005
1934 ..	200·27	10	26	5·04	12·98	29	15·11	55	53,769	3,16,175	33,416	2,82,759	3,85,989	1,412	1,578	1,927
1935 ...	206·75	23	7	11·08	3·38	15	32·21	44	65,107	3,17,059	45,313	2,71,746	3,86,864	1,314	1,533	1,871
1936 ...	219·48	19	15	8·61	6·89	12	15·46	43	71,532	3,50,419	66,134	2,84,285	4,20,224	1,296	1,598	1,915
1937 ...	230·13	26	4	11 15	2·01	7	31·85	38	76,638	3,29,237	48,726	2,80,512	3,99,042	1,218	1,430	1,734
1938 ..	246·72	44	3	17·68	1·21	15	42·88	43	77,335	3,49,884	33,169	3,16,715	4,19,689	1,283	1,418	1,702
1939 ..	251·99	33	4	13·05	1·60	15	33·52	38	78,779	3,26,548	30,401	2,96,147	3,96,352	1,175	1,296	1,573
1940-41 ..	269·56	43	5	15·90	1·89	13	48·65	31	91,541	3,38,544	33,787	3,04,757	4,08,348	1,130	1,255	1,515
1941-42 ..	274·50	28	4	10·46	1·78	10	31·68	57	96,127	3,65,865	36,445	3,29,420	4,35,669	1,200	1,333	1,587
1942-43 ..	273·90	54	6	19·72	2·56	8	61·36	86	1,07,281	3,94,248	39,193	3,55,055	4,64,052	1,296	1,439	1,696
1943-44 ..	262·24	95	14	28·96	5·34	14	51·30	113	1,38,633	5,28,522	47,311	4,81,211	5,98,326	1,835	2,015	2,281
1944-45 ...	258·50	42	65	16·76	25·19	4	15·20	70	1,37,071	6,17,608	66,708	5,50,900	6,87,412	2,132	2,390	2,660

APPENDIX E.

Abstract of Cash Account of the Ranchi European Mental Hospital for the years 1928 to 1944-45.

Year.	Establishment. Total cost	Establishment. Cost per head of average strength.	Diet. Total cost.	Diet. Cost per head of average strength.	Bedding and clothing. Total cost.	Bedding and clothing. Cost per head of average strength.	Medicines. Total cost.	Medicines. Cost per head of average strength.	Contingencies. Total cost	Contingencies. Cost per head of average strength.	Miscellaneous. Total cost
1	2	3	4	5	6	7	8	9	10	11	12
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1928 ...	1,42,954	731	88,666	454	19,367	99	5,713	29	1,13,867	582	2,0
1929 ...	1,15,166	577	90,335	458	11,817	59	3,262	16	84,392	423	1,0
1930 ...	1,56,813	782	93,358	465	14,475	72	4,197	21	99,830	498	6,1
1931 ...	1,47,942	753	74,012	377	12,282	62	3,710	19	91,879	468	6,0
1932 ...	1,36,209	683	73,637	369	17,409	87	4,496	23	72,367	363	5,6
1933 ...	1,33,824	664	74,787	371	13,751	68	3,833	19	66,239	329	5,3
1934 ...	1,35,591	676	60,886	305	19,373	47	3,914	20	64,386	322	6,2
1935 ...	1,26,089	610	59,360	268	10,552	51	1,727	8	71,187	344	4,9
1936 ...	1,24,962	569	61,499	280	14,833	67	3,746	18	71,221	324	6,3
1937 ...	1,27,101	552	63,849	278	6,738	29	3,296	14	73,664	320	4,2
1938 ...	1,36,485	553	72,905	296	12,704	51	2,681	11	82,391	334	7,7
1939 ...	1,31,959	524	70,254	280	11,244	42	4,298	17	69,907	278	7,2
1940-41 ...	1,36,102	505	76,800	284	8,541	31	4,571	16	70,155	263	6,9
1941-42 ...	1,30,994	477	83,052	303	26,713	97	7,560	28	72,216	263	7,1
1942-43 ..	1,43,234	523	1,00,245	366	14,964	54	4,779	17	79,924	292	10,9
1943-44 ...	1,49,237	569	1,65,792	632	19,893	76	481	29	1,08,600	414	27,8
1944-45 ...	1,62,[illegible]	650	2,01,068	778	21,083	82	10,963	43	1,35,469	524	16,3

Year.	Miscellaneous. Cost per head of average strength.	Grand total. Total cost.	Grand total. Cost per head of average strength.	P. W. D. charges. Total cost.	P. W. D. charges. Cost per head of average strength.	Cost of printing and stationery. Total cost.	Cost of printing and stationery. Cost per head of average strength.	Total expenditure including all heads of expenditure. Total cost.	Total expenditure including all heads of expenditure. Cost per head of average strength.	Cost per head of average strength on loan charges Rs. 69,804.	Total cost *per capita* including loan charges.	Daily average strength of patients.
1	13	14	15	16	17	18	19	20	21	22	23	24
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1928 ...	10	3,72,567	1,905	54,259	278	1,885	10	4,28,711	2,193	357	2,550	195·51
1929 ...	5	3,06,046	1,533	30,513	150	2,754	14	3,39,313	1,700	621	2,321	199·51
1930 ...	31	3,74,862	1,869	55,166	275	2,626	13	4,32,654	2,157	348	2,505	200·61
1931 ...	30	3,35,892	1,709	51,261	261	1,678	9	3,88,831	1,979	356	2,335	196·41
1932 ...	28	3,09,818	1,553	32,005	161	2,322	11	3,44,145	1,725	351	2,076	199·44
1933 ...	26	2,97,762	1,477	34,587	171	1,931	10	3,34,280	1,658	347	2,005	201·56
1934 ...	31	2,80,396	1,401	33,416	166	2,363	11	3,16,175	1,578	349	1,927	200·27
1935 ...	24	2,69,885	1,305	45,313	219	1,861	9	3,17,059	1,533	338	1,871	200·75
1936 ...	29	2,82,629	1,288	66,134	302	1,661	8	3,50,419	1,598	317	1,915	219·48
1937 ...	18	2,78,850	1,211	48,726	212	1,661	7	3,29,237	1,430	304	1,734	230·13
1938 ...	31	3,14,910	1,276	33,169	135	1,805	7	3,49,884	1,418	284	1,702	246·72
1939 ...	29	2,94,870	1,170	30,401	121	1,277	5	3,26,548	1,296	277	1,573	251·99
1940-41 ...	25	3,03,157	1,124	33,787	125	1,600	6	3,38,544	1,255	259	1,514	269·56
1941-42 ...	26	3,27,670	1,194	36,445	133	1,750	6	3,65,865	1,333	254	1,587	274·50
1942-43 ..	40	3,54,048	1,292	39,193	143	1,007	4	3,94,248	1,439	255	1,694	273·90
1943-44 ...	106	4,78,837	1,826	47,311	180	2,374	9	5,28,522	2,015	266	2,281	262·34
1944-45 ...	63	5,47,907	2,120	66,708	258	2,993	12	6,17,608	2,390	2[illegible]0	2,660	258.50

STATEMENT No. I.

Showing the admissions, discharges, etc. of Ranchi European Mental Hospital during the year 1944-45 and the two previous years.

1	2			3			4			5			6														
													Discharged.														
													A			B						C			D		
Years.	Remained on 1st April 1944.			Admitted.			Re-admitted.			Total population.			Cured.			Transferred to friends. Improved.			Transferred to friends. Not improved.			Otherwise.			Total.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1944-45 ...	99	135	234	193	30	223	2	2	4	294	167	461	30	12	42	62	3	65	45	..	45	16	...	16	153	15	[illegible]
1943-44 ...	121	148	269	83	24	107	8	6	14	212	178	390	74	21	95	11	3	14	...	...	.	12	..	12 (a)	97	24	[illegible]
1942-43 ...	131	156	287	54	26	80	4	4	8	190	156	[illegible]	32	22	54	5	1	6	...	...	...	7	...	7	44	23	[illegible]

Years.	7 Died.			8 Remaining on 31st March 1945.			9 Daily average strength.			10 Daily average sick.			11 Percentage to— Daily average strength. A Cured.			B Died.			Admissions. C Cured.			D Died.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1944-45 ...	8	11	19	133	141	274	118·82	139·68	258·50	7·32	6·81	14·13	25·25	8·60	16·75	6·73	7·87	7·35	1[illegible]·91	36·66	15·20	1·55	13·33	3·78
1943-44 ...	[illegible]	19	35	99	135	234	116·62	145·62	262·24	5·49	4·85	10·34	63·45	14·48	35·96	13·72	13·00	13·33	65·94	36·60	51·30	3·33	10·00	6·66
1942-43 ...	[illegible]	15	29	121	148	269	134·13	139·77	273·90	5·60	4·80	10·40	23·81	15·73	19·72	17·51	10·67	14·24	65·16	73·33	61·36	3·45	3·33	3·30

(a) Military patients transferred to Military authorities.

STATEMENT No. II.

Showing cases admitted for observation in the Ranchi European Mental Hospital during the year 1944-45 and the previous two years.

1	2	3			4			5			6			7			8			9			10		
Name of the Mental Hospital.	Years.	Remained on the 1st April 1944.			Admitted.			Re-admitted.			Certified and admitted into hospital.			Certified and released under section 14, Act IV of 1912.			Released as uncertifiable.			Died.			Remaining on 31st March 1945.		
		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Ranchi European Mental Hospital.	1944-45	..	...	...	...	...	...	..	...	...	...	...	...	..	...	...	..	...	...	...	...	—	...	...	..
	1943-44	...	...	...	1	—	1	..	..	...	1	..	1	...	...	...	..	...	..	...	...	..	...	...	..
	1942-43	...	..	...	1	...	1		...	...	1	...	1	..	...	..	..	...	...	...	...	..	...	...	..

STATEMENT No. III.

Return of criminal patients in the Ranchi European Mental Hospital for the year 1944-45 and the two previous years.

1		2			3			4			5			6			7			8			9		
	Years.	Remaining on 1st April 1944.			Admitted.			Re-admitted.			Total.			Discharged, transferred, etc.			Died.			Remaining on 31st April 1945.			Daily average strength.		
		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Ranchi European Mental Hospital.	1944-45 ...	2	...	2	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	2	...	2	2·00	1·00	2·00
	1943-44 ...	2	...	2	1	...	1	...	...	...	3	...	3	1	...	1	...	...	...	2	...	2	1·89	...	1·89
	1942-43 ...	3	1	4	..	...	...	...	...	...	3	1	4	...	(a) 1	1	1	...	1	2	...	2	2·38	·82	3·20

(a) Patient transferred to non-criminal category.

STATEMENT No. IV.

Return showing the religion, sex and residence of patients admitted into the Ranchi European Mental Hospital during 1944-45.

1	2			3			4						5			6	
District.	Hindus.			Muhammadans.			Christians.						Other castes.			Total.	
							Europeans and Eurasians.			Indians.							
—	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.
Allahabad ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..		1
Bamdah ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1
Benares ..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	...	1	..
Bilaspur ..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..
Burdwan ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1
Calcutta ..	1	..	1	1	..	1	21	8	29	..	..	..	..	..	..	23	8
Cawnpore ..	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	2	..
Chakradharpur ..	..	..	..	..	..	..	1	1	2	..	..	..	..	..	..	1	1
Chinsurah ..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Dehra Dun ..	..	..	..	..	..	..	3	..	3	..	..	..	..	..	..	3	..
Dhanbad ..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..
Delhi ..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1
Gorakhpur ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1
Halflong ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1
Indore ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1
Jamshedpur ..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..
Kolhapur ..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Kusunda ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1
Lahore ..	..	..	..	..	..	..	2	2	4	..	..	..	..	..	..	2	2
Lucknow ..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	2
Mainpuri ..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1
McKluskieganj ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1
Peshawar ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1
Purulia ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1
Ranchi ..	..	1	1	..	..	..	2	..	2	..	..	..	..	..	..	2	1
Sialkote ..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1
Simla ..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..
Defence Department.	..	..	..	..	..	..	156	4	160	..	..	..	..	..	..	156	4
Total ..	2	2	4	1	2	3	192	28	220	..	..	..	..	..	..	195	32

STATEMENT No. V.

Return showing the ages of patients admitted into the Ranchi European Mental Hospital during the period 1944-45.

1	2			3			4			5			6		
Year.	UNDER 20.			20 TO 40.			40 TO 60.			UPWARD OF 60.			TOTAL.		
	Males	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males	Females.	Total.
1944-45	3	3	6	169	15	184	21	12	33	2	2	4	195	32	227
1943-44	...	1	1	76	18	94	11	9	20	4	2	6	91	30	121
1942-43	...	1	1	45	11	56	10	12	22	3	6	9	58	30	88

STATEMENT No. VI.

Showing the forms of Mental disorder in the admissions, discharges, recoveries and deaths in the Ranchi European Mental Hospital during the period 1st April 1944 to 31st March 1945.

Heads.	Remaining on 31st March of the preceding year.			Admissions during year.			Total.			Recoveries.			Otherwise.			Deaths.			Remaining on 31st March 1945.		
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1. Mental Deficiency ...	20	15	35	22	...	22	42	15	57	...	...	...	20	...	20	...	1	1	22	14	[illegible]
2. Manic Depressive Insanity.	1	7	8	9	5	14	10	12	22	2	3	5	3	...	3	...	1	1	5	8	[illegible]
3. Mania	...	1	1	...	2	2	...	3	3	...	...	...	...	...	...	...	2	2	..	1	[illegible]
4. Melancholia ...	1	1	2	2	2	4	3	3	6	1	...	1	...	...	...	...	...	...	2	3	[illegible]
5. Schizophrenia including Dementia Præcox.	18	43	61	39	16	55	57	59	116	11	5	16	18	2	20	2	...	2	26	52	[illegible]
6. Secondary Dementia ...	9	12	21	2	1	3	11	13	24	...	...	...	...	...	...	5	4	9	6	9	[illegible]
7. Paranoia and Paranoid States.	26	49	75	1	1	2	27	50	77	1	1	2	...	...	...	...	2	2	26	47	[illegible]
8. Epilepsy and Epileptic insanity.	14	3	17	2	1	3	16	4	20	...	1	1	1	1	2	1	...	1	14	2	[illegible]
9. Toxic Psychosis—																					
(a) Acute Confusional Insanity.	1	...	1	2	...	2	3	...	3	1	...	1	...	...	...	...	...	...	2	...	[illegible]
(b) Alcoholic Psychosis	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	[illegible]
(c) Morphinism	...	...	...	1	1	2	1	1	2	...	1	1	...	...	...	...	...	...	1	...	[illegible]
(d) Of Endocrine Origin.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	[illegible]
(e) In relation to child-bearing.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	[illegible]
(f) In relation to other constitutional diseases.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	[illegible]
10. Organic Psychosis—																					
(a) General ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	[illegible]
(b) Cerebral syphilis...	...	...	...	3	1	4	3	1	4	1	..	1	2	...	2	...	...	...	...	1	[illegible]
(c) Arteriopathic and Senile psychosis.	..	2	2	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	2	[illegible]
(d) Encephalitis ...	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	[illegible]
(e) Other Cerebral lesions.	...	1	1	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	...	...	[illegible]
11. Neurosis and Psychoneurosis.	7	..	7	105	2	107	112	2	114	13	1	14	74	...	74	...	...	...	25	1	[illegible]
12. No appreciable disease	...	1	1	7	...	7	7	1	8	...	...	...	5	...	5	...	...	...	2	1	[illegible]
13. Not yet diagnosed (discharged before certification).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	[illegible]
Total ...	99	135	234	195	32	227	294	167	461	30	12	42	123	3	126	8	11	19	133	14[illegible]	[illegible]

NOTE.—Observation cases are excluded from this statement.

STATEMENT No. VII.

Showing the probable causes of insanity in the patients admitted to the Ranchi European Mental Hospital during 1944-45.

Head.	Predisposing causes.			Exciting causes.			Total.		
	Male.	Female.	Total.	Male.	Female.	Total	Male.	Female.	Total.
1	2	3	4	5	6	7	8	9	10
Mental stress.—									
Moral	..	1	1	..	..	..	..	1	1
Business worry	..	..	..	2	..	2	2	..	2
Domestic worry	2	3	5	5	2	7	7	5	12
Stress of military service ..	76	..	76	92	4	96	168	4	172
Toxins.—									
Cannabis Indica	..	..	..	..	..	..	..	..	..
Alcohol	..	..	..	..	..	..	..	..	..
Other toxins	..	1	1	..	1	1	..	2	2
Physical	4	..	4	..	..	..	4	..	4
Opium	..	..	..	..	..	..	..	..	..
Bodily illness ..	1	3	4	..	2	2	1	5	6
Pregnancy	..	..	..	..	..	..	..	..	..
Child-birth	..	..	..	..	2	2	..	2	2
Climacteric	..	..	..	..	2	2	..	2	2
Epilepsy	2	1	3	..	..	..	2	1	3
Head injuries	..	..	..	..	..	..	..	..	..
Infections.—									
Encephalitis Lethargica ..	..	..	..	..	..	..	..	..	..
Influenza	1	1	2	..	..	..	1	1	2
Syphilis	1	..	1	..	..	..	1	..	1
Other infections	..	..	..	..	..	..	..	..	..
Old age	3	1	4	..	..	..	3	1	4
Hereditary	..	1	1	..	..	..	..	1	1
Previous attacks	2	3	5	..	..	..	2	3	5
Unascertained	4	4	8	..	..	..	4	4	8
Total ..	96	19	115	99	13	112	195	32	227

STATEMENT No. VIII.

Showing the Cash Account of the Ranchi European Mental Hospital for the period 1st April 1944 to 31st March 1945 and two previous years.

1	2	3	4	5	6	7	8	9	10	11
	Receipts.						Charges.			
							Establishment.			
Period.	Received from Treasury.	Received from paying patients.	Value of stores received from the Manufacturing Department less cost of raw materials.	Book receipts i.e., the total of expenditure entered in columns 10, 20 and 21.	Miscellaneous receipts.	Total.	Establishment proper.	Superintendence.	Diet.	Clothing and bedding.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1944-45 ...	6,17,608	1,37,071	3,694	...	9,566	7,67,939	1,14,592	43,360	2,01,068	21,083
1943-44 ...	5,28,522	1,38,633	3,049	...	21,918	6,91,522	1,02,102	47,135	1,65,792	19,893
1942 43 ...	3,94,248	1,07,281	2,041	...	1,896	5,05,466	97,201	46,033	1,00,245	14,964

1	12	13	14	15	16	17	18	19	20	21	22	23
	Charges.											
		Contingencies.						Book Charges.				
Period.	Bazar medicines.	Contingencies proper.	Repairs and maintenance.	Rates and taxes.	Remitted to Treasury on account of paying patients, etc.	Miscellaneous items.	Total of columns 8—17.	Charges on account of work done by the Public Works Department.	Cost of printed forms and stationery.	Cost of English stores, medicines, etc.	Total of columns 18—21.	Remarks.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1944-45	10,963	1,35,469	...	...	1,50,331	16,372	6,98,238	66,708	2,993	...	7,67,939	
1943-44	7,481	1,08,600	...	...	1,63,600	27,834	6,41,837	47,311	2,374	...	6,91,522	
1942 43	4,779	79,924	...	...	1,11,218	10,902	4,65,266	39,193	1,007	...	5,05,466	

STATEMENT A.

Abstract of Cash Account of the Ranchi European Mental Hospital for the period 1st April 1944 to 31st March 1945 and two previous years.

Years.	Establishment.		Diet.		Bedding and clothing.		Medicines.		Contingencies.	
	Total.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.
1	2	3	4	5	6	7	8	9	10	11
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1944-45 ...	1,62,952	630	2,01,068	778	21,083	82	10,963	43	1,35,469	524
1943-44 ...	1,49,237	569	1,65,792	632	19,893	76	7,481	29	1,08,600	414
1942-43 ...	1,43,234	523	1,00,245	366	14,964	54	4,779	17	79,924	292

Years.	Miscellaneous.		Grand total.		Charges on account of works done by the Public Works Department.		Rates and taxes.		Cost of printing and stationery.		Total expenditure including all heads of expenditure.	
	Total cost.	Cost per head of average strength.	Total. cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.	Total cost.	Cost per head of average strength.
1	12	13	14	15	16	17	18	19	20	21	22	23
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1944-45	16,372	63	5,47,907	2,120	66,708	258	...	...	2,993	12	6,17,608	2,390
1943-44	27,834	106	4,78,837	1,826	47,311	180	...	...	2,374	9	5,28,522	2,015
1942-43	10,902	40	3,54,048	1,292	39,193	143	...	...	1,007	4	3,94,248	1,439

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SUMMARY FOR GOVERNOR

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